## EAST Search History

| Ref # | Hits   | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|-------|--------|---|---|---------------------|---------|---------------------|
| L1    | 2      | "6542830".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/05/14<br>09:58 |
| L2    | 0      | L1 and drawings adj files and<br>wafer adj defect   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/05/14<br>09:58 |
| L3    | 0      | L1 and drawings adj files   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/05/14<br>09:58 |
| L4    | 123637 | inspect\$3 and (wafer\$1 or<br>semicondudor\$1 or chip\$1 or<br>substrat\$1 or IC or intergrated<br>adj circuit or PCB or printed<br>adj circuit adj board or PWB or<br>printed adj wiring adj board or<br>chip adj grid or matrix) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/05/14          |
| L5    | 0      | L1 and generat\$3 same wafer<br>adj defect  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/05/14<br>10:03 |
| L6    | 292    | L4 and generat\$3 same wafer<br>adj defect  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/05/14<br>10:03 |
| L7    | 215    | L6 and @ad<"20040909"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/05/14<br>10:04 |
| L8    | 0      | L7 and integrat\$3 and wafer\$1<br>adj defect\$3 same generat\$3<br>same distribut\$3 adj data  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/05/14<br>10:05 |
| L9    | 2      | L7 and integrat\$3 and wafer\$1<br>adj defect\$3 and generat\$3<br>and distribut\$3 adj data  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/05/14<br>10:05 |

| L10 | 0   | L9 and generat\$3 same<br>drawings adj file and distribut<br>\$3 adj data  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:08 |
|-----|-----|--|---|----|----|---------------------|
| L11 | 0   | L9 and generat\$3 and<br>drawings adj file and distribut<br>\$3 adj data   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:08 |
| L12 | 0   | L9 and drawings adj file and<br>distribut\$3 adj data  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:08 |
| L13 | 0   | L9 and drawings adj files  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:08 |
| L14 | 2   | "7047095".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:17 |
| L15 | 0   | L14 and drawings adj files   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:17 |
| L16 | 297 | generat\$3 same drawings adj<br>files  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:17 |
| L17 | 13  | L16 and inspect\$3 and(wafer<br>\$1 or semicondudor\$1 or chip\$1<br>or substrat\$1 or IC or<br>intergrated adj circuit or PC8<br>or printed adj circuit adj board<br>or PWB or printed adj wiring<br>adj board or chip adj grid or<br>matrix) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:17 |
| L18 | 5   | L17 and @ad<"20040909"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:18 |
| L19 | 0   | L18 and integrat\$3 and wafer<br>\$1 adj defect\$3 same generat<br>\$3 same distribut\$3 adj data  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:18 |

| L20 | 0  | L18 and integrat\$3 and wafer<br>\$1 adj defect\$3 and generat\$3<br>and distribut\$3 adj data  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:18 |
|-----|----|---|---|----|----|---------------------|
| L21 | 0  | L18 and integrat\$3 and wafer<br>\$1 adj defect\$3 and distribut<br>\$3 adj data  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:19 |
| L22 | 0  | L18 and wafer\$1 adj defect\$3<br>and distribut\$3 adj data   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:19 |
| L23 | 0  | L18 and distribut\$3 adj data   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:19 |
| L24 | 5  | L18 and inspect\$3 and(wafer<br>\$1 or semicondudor\$1 or chip\$1<br>or substrat\$1 or IC or<br>intergrated adj circuit or PCB<br>or printed adj circuit adj board<br>or PVB or printed adj wiring<br>adj board or chip adj grid or<br>matrix or circuit) | US-PGPUB;<br>USPAT; EPO;<br>UPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/14<br>10:23 |
| S1  | 2  | "6763130".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>11:51 |
| S2  | 25 | inspect\$3 and (wafer\$1 or<br>semicondudor\$1 or chip\$1 or<br>substrat\$1 or 1C or intergrated<br>adj circuit or PCB or printed<br>adj circuit adj board or PWB or<br>printed adj wiring adj board)<br>and generat\$3 adj defect\$3<br>and raw adj data | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>11:59 |
| S3  | 14 | See and (@ad<"20040909" or @rlad<"20040909" or @prad<"20040909" or @prad<"20040909" or @ptad<"20040909")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>12:18 |
| S5  | 0  | S3 and (pre adj treatment or<br>pre-treatment)and server and<br>integrate same wafer\$1 adj<br>defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>12:12 |

| S6  | 0 | S3 and (pre adj treatment or<br>pre-treatment)and server and<br>integrate and wafer\$1 adj<br>defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>12:12 |
|-----|---|--|---|----|----|---------------------|
| S7  | 0 | S3 and server adj integrate<br>with wafer\$1 adj defect\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>12:13 |
| S8  | 0 | S3 and server adj integrate<br>and wafer\$1 adj defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>12:17 |
| S9  | 0 | S3 and server adj integrat\$3<br>and wafer\$1 adj defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>12:14 |
| S10 | 1 | S2 and server adj integrat\$3<br>and wafer\$1 adj defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>12:14 |
| S11 | 1 | inspect\$3 and (wafer\$1 or semicondudor\$1 or chip\$i or substrat\$1 or IC or intergrated adj circuit or PCB or printed adj circuit adj board or PWB or printed adj wiring adj board) and generat\$3 adj defect\$3 and raw adj data and server adj integrat\$3 and wafer\$1 adj defect\$5 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>12:16 |
| S12 | 3 | S2 and server and integrat\$3<br>and wafer\$1 adj defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>12:17 |
| S13 | 0 | S3 and server and integrate<br>and wafer\$1 adj defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>12:17 |
| S14 | 2 | S12 and (@ad<"20040909" or<br>@rlad<"20040909" or<br>@prad<"20040909" or<br>@ptad<"20040909")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>12:18 |
| S15 | 2 | S12 and @ad<"20040909"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>13:56 |

| S16 | 2  | "7103210".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>13:56 |
|-----|----|--|---|----|----|---------------------|
| S17 | 36 | inspect\$3 and(wafer\$1 or<br>semicondudor\$1 or chip\$1 or<br>substrat\$1 or IC or intergrated<br>adj circuit or PCB or printed<br>adj circuit adj board or PWB or<br>printed adj wiring adj board)<br>and generat\$3 adj defect\$3<br>and raw adj data         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:23 |
| S18 | 1  | S17 and(pre adj treatment or<br>pre-treatment)and server and<br>integrate and wafer\$1 adj<br>defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:25 |
| S19 | 0  | \$18 and (@ad<"20040909" or<br>@rlad<"20040909" or<br>@prad<"20040909" or<br>@ptad<"20040909")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:25 |
| S20 | 0  | S18 and @ad<"20040909"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:25 |
| S21 | 23 | ((HUNG-EN) near2 (TAI)).INV.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2008/05/13<br>14:26 |
| S22 | 4  | ((CHIA-YUN) near2 (CHEN)).<br>INV.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2008/05/13<br>14:27 |
| S23 | 1  | S21 and(pre adj treatment or<br>pre-treatment)and server and<br>integrate and wafer\$1 adj<br>defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:27 |
| S24 | 1  | S22 and(pre adj treatment or<br>pre-treatment)and server and<br>integrate and wafer\$1 adj<br>defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:27 |
| S25 | 1  | S21 and inspectS3 and(wafer<br>\$1 or semicondudor\$1 or chip<br>\$1 or substrat\$1 or IC Or<br>intergrated adj circuit or PO8<br>or printed adj circuit adj board<br>or PMB or printed adj wiring<br>adj board) and generatS3 adj<br>defect\$3 and raw adj data | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:28 |
| S26 | 1  | (performing or obtaining)same<br>(pre adj treatment or pre-<br>treatment)and server and<br>integrate and wafer\$1 adj<br>defect\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:29 |

| S27         | 111 | (performing or obtaining)same<br>(pre adj treatment or pre-<br>treatment)and wafer\$1 adj<br>defect\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:30 |
|-------------|-----|--|---|----|----|---------------------|
| S28         | 1   | \$27 and server and (generat\$3<br>or obtaining)and drawing adj<br>files   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:32 |
| S29         | 7   | \$27 and @ad<"20040909"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:33 |
| <b>S3</b> 0 | 1   | \$27 and server and (generat\$3 or obtaining) and (drawing or sketch\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:33 |
| <b>S</b> 31 | 0   | S29 and server and (generat\$3<br>or obtaining)and(drawing or<br>sketch\$3 or geometric)and<br>(image\$1 or file)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:34 |
| S32         | 6   | S29 and(generat\$3 or obtaining)and(drawing or sketch\$3 or geometric)and (image\$1 or file)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:34 |
| S33         | 0   | S32 and server   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:35 |
| S34         | 6   | \$29 and(generat\$3 or obtaining)and(drawing or sketch\$3 or geometric)and (image\$1 or file)and position and type and size and(display or screen)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:37 |
| S35         | 7   | (performing or obtaining)same<br>(pre adj treatment or pre-<br>treatment)and(wafer\$1 or<br>semicondudor\$1 or chip\$1 or<br>substrat\$1 or IC or intergrated<br>adj circuit or PCB or printed<br>adj circuit adj board or PWB or<br>printed adj wiring adj board)<br>and generat\$3 adj defect\$3 | US-PCPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13          |
| S36         | 2   | \$35 and @ad<"20040909"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:45 |

| \$37 | 1   | server adj integrat\$3 and wafer<br>\$1 adj defect\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:47 |
|------|-----|---|---|----|----|---------------------|
| S38  | 869 | inspect\$3 and (wafer\$1 or<br>semicondudor\$1 or chip\$1 or<br>substrat\$1 or IC or intergrated<br>adj circuit or PCB or printed<br>adj circuit adj board or PWB or<br>printed adj wiring adj board)<br>and generat\$3 adj defect\$3 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:48 |
| S39  | 1   | \$38 and(performing or<br>obtaining)same(pre adj<br>treatment or pre-treatment)<br>and server and integrate and<br>wafer\$1 adj defect\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:49 |
| S40  | 606 | \$38 and @ad<"20040909"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:49 |
| S41  | 0   | S40 and(performing or obtaining)and(pre adj treatment or pre-treatment) and server and integrate and wafer\$1 adj defect\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:50 |
| S42  | 0   | S40 and(pre adj treatment or<br>pre-treatment) and server and<br>integrate and wafer\$1 adj<br>defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:50 |
| S43  | 8   | S40 and(pre adj treatment or pre-treatment)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:50 |
| S44  | 0   | S43 and server and integrate<br>and wafer\$1 adj defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:53 |
| S45  | 15  | manag\$3 and wafer\$1 adj<br>defects and server and<br>integrate and wafer\$1 adj<br>defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:54 |
| S46  | 12  | S45 and @ad<"20040909"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:54 |

| S47 | 10 | S46 and(generat\$3 or<br>obtaining)and(drawing or<br>sketch\$3 or geometric)and<br>(image\$1 or file)and position<br>and type and size and(display<br>or screen)           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:55 |
|-----|----|--|---|----|----|---------------------|
| S48 | 0  | S47 and(pre adj treatment or<br>pre-treatment) and server and<br>integrate and wafer\$1 adj<br>defect\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:56 |
| S49 | 0  | 947 and(pre adj treatment or pre-treatment)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:56 |
| S50 | 0  | S47 and(pre adj treatment or<br>pre-treatment or<br>pretreatment)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:57 |
| S51 | 8  | \$47 and(generat\$3 or obtaining) and distribut\$3 adj data and record\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>14:58 |
| S52 | 10 | inspect\$3 and wafer\$1 adj<br>defects and server and<br>integrate and wafer\$1 adj<br>defect\$3 and(generat\$3 or<br>obtaining)and distribut\$3 adj<br>data and record\$3 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:02 |
| S53 | 8  | S52 and @ad<"20040909"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:02 |
| S54 | 23 | \$17 and(generat\$3 or<br>obtaining)and(drawing or<br>sketch\$3 or geometric)and<br>(image\$1 or file)and position<br>and type and size and(display<br>or screen)          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:04 |
| S55 | 5  | \$54 and @ad< "20040909"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:05 |
| S56 | 0  | SS5 and(pre adj treatment or<br>pre-treatment or<br>pretreatment)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:15 |

| S57 | 1      | \$34 and(pre adj treatment or<br>pre-treatment or<br>pretreatment)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:16 |
|-----|--------|---|---|----|----|---------------------|
| S58 | 2      | generat\$4 and drawings adj<br>files and wafer adj defect   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:18 |
| S59 | 0      | S58 and @ad<"20040909"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:18 |
| S60 | 1      | S54 and generat\$4 and<br>drawings adj files and wafer<br>adj defect  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:19 |
| S61 | 1      | \$54 and inspect\$3 and wafer<br>\$1 adj defects and server and<br>integrat\$4 and wafer\$1 adj<br>defect\$3 and(generat\$3 or<br>obtaining)and distribut\$3 adj<br>data and record\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:21 |
| S62 | 0      | S61 and @ad<"20040909"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:21 |
| S63 | 2      | inspect\$3 and drawings adj<br>files and wafer adj defect   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:21 |
| S64 | 0      | S63 and @ad<"20040909"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:22 |
| S65 | 527773 | inspect\$3 drawings adj files<br>and wafer adj defect and(wafer<br>\$1 or semicondudor\$1 or chip<br>\$1 or substrat\$1 or IC or<br>intergrated adj circuit or PCB<br>or printed adj circuit adj board<br>or PWB or printed adj wiring<br>adj board) and generat\$3 adj<br>defect\$3 and raw adj data | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:23 |

| <b>366</b> | 1  | inspect\$3 and drawings adj<br>files and wafer adj defect and<br>(wafer\$1 or semicondudor\$1<br>or chip\$1 or substrat\$1 or IC<br>or intergrated adj circuit or<br>IPOB or printed adj circuit adj<br>board or PMB or printed adj<br>wiring adj board)and generat<br>\$3 adj defect\$3 and raw adj<br>data | US-PCPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:23 |
|------------|----|--|---|----|----|---------------------|
| S67        | 0  | chip adj grid and inspect\$3 and (plurality or plural\$1)same inspect\$3 adj stations  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:27 |
| S68        | 29 | inspect\$3 and(chip adj grid or wafer\$1 or semicondudor\$1 or chip\$1 or IC or intergrated adj circuit or PC8 or printed adj circuit adj board or PWB or printed adj wiring adj board)and generat\$3 adj defect\$3 and (plurality or plural \$1)same stations   | US-PCPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:31 |
| S69        | 25 | \$68 and @ad<"20040909"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:31 |
| S70        | 0  | S69 and inspect\$3 and drawings adj files and wafer adj defect   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:31 |
| S71        | 0  | S69 and drawings adj files and wafer adj defect  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:32 |
| S72        | 0  | S69 and(pre adj treatment or<br>pre-treatment or<br>pretreatment)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:32 |
| S73        | 0  | \$69 and inspect\$3 and wafer<br>\$1 adj defects and server and<br>integrat\$4 and wafer\$1 adj<br>defect\$3 and(generat\$3 or<br>obtaining)and distribut\$3 adj<br>data and record\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:33 |
| S74        | 0  | \$69 and wafer\$1 adj defects<br>and server and integrat\$4 and<br>wafer\$1 adj defect\$3 and<br>(generat\$3 or obtaining)and<br>distribut\$3 adj data and record<br>\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:33 |

| S75 | 0   | S69 and server and integrat\$4<br>and wafer\$1 adj defect\$3 and<br>(generat\$3 or obtaining) and<br>distribut\$3 adj data and record<br>\$3                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:34 |
|-----|-----|---|---|----|----|---------------------|
| S76 | 3   | S69 and server and integrat\$4<br>and wafer\$1 adj defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:34 |
| S77 | 0   | S76 and(pre adj treatment or<br>pre-treatment or<br>pretreatment)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:44 |
| S78 | 0   | S76 and wafer\$1 adj defects<br>and server and integrat\$4 and<br>wafer\$1 adj defect\$3 and<br>(generat\$3 or obtaining)and<br>distribut\$3 adj data and record<br>\$3 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:48 |
| S79 | 0   | S76 and(generat\$3 or obtaining)and distribut\$3 adj data and record\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:49 |
| S80 | 0   | S76 and(chip adj grid or cells<br>or blocks)and inspect\$3 and<br>(plurality or plural\$1)same<br>inspect\$3 adj stations   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:50 |
| S81 | 606 | (chip adj grid or cells or blocks)<br>and inspect\$3 and(plurality or<br>plural\$1) same inspect\$3 adj<br>stations   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:51 |
| S82 | 0   | S81 and server and integrat\$4<br>and wafer\$1 adj defect\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:51 |
| S83 | 2   | S81 and(pre adj treatment or<br>pre-treatment or<br>pretreatment)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:51 |
| S84 | 0   | S83 and @ad<"20040909"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:52 |

| S85 | 0  | S68 and drawings adj files and wafer adj defect   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:53 |
|-----|----|---|---|----|----|---------------------|
| S86 | 29 | S68 and generat\$3 adjfiles<br>and wafer adj defect                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:53 |
| S87 | 0  | S68 and generat\$3 adj files<br>and wafer adj defect                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:53 |
| S88 | 0  | S68 and generat\$3 and files<br>and wafer adj defect same<br>position and size and type | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:54 |
| S89 | 0  | S81 and generat\$3 and files<br>and wafer adj defect same<br>position and size and type | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:55 |
| S90 | 0  | S81 and files and wafer adj<br>defect same position and size<br>and type                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:55 |
| S91 | 0  | S81 and files and wafer adj<br>defect and position and size<br>and type                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:55 |
| S92 | 0  | S81 and generat\$3 adj files<br>and wafer adj defect                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:56 |
| S93 | 24 | generat\$3 adj files and wafer<br>adj defect  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:56 |
| S94 | 51 | generat\$3 and files and wafer<br>adj defect same position and<br>size and type         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:56 |
| S95 | 32 | 994 and @ad<"20040909"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:56 |

| S96  | 11 | S95 and server and integrat\$4<br>and wafer\$1 adj defect\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:57 |
|------|----|--|---|----|----|---------------------|
| S97  | 0  | S96 and(chip adj grid or cells<br>or blocks)and inspect\$3 and<br>(plurality or plural\$1)and<br>inspect\$3 adj stations | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:57 |
| S98  | 0  | S96 and(plurality or plural\$1)<br>and inspect\$3 adj stations   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:57 |
| S99  | 2  | S96 and(plurality or plural\$1)<br>and stations  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:58 |
| S100 | 2  | S99 and @ad< "20040909"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>15:58 |
| S101 | 2  | S100 and(subtract\$3 or<br>difference)and defect adj<br>position   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>16:00 |
| S102 | 1  | S100 and(subtract\$3 or<br>difference)and defect adj<br>position and generat\$3 adj<br>data and new adj defect           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>16:02 |
| S103 | 0  | S102 and(pre adj treatment or<br>pre-treatment or<br>pretreatment)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/13<br>16:04 |

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